

REMARKS

This Amendment responds to the Office Action dated April 11, 2006 in which the Examiner required affirmation of the telephone election, rejected claims 1-4 under 35 U.S.C. §112, second paragraph, and under 35 U.S.C. §103.

Applicants affirm the election of Group I, claims 1-4. Applicants reserve the right to file divisional applications.

As indicated above, claim 1 has been amended in order to more particularly point out and distinctly claim the subject matter which the Applicants regard as the invention. Therefore, Applicants respectfully request the Examiner withdraws the rejection to claims 1-4 under 35 U.S.C. §112, second paragraph.

As indicated above, claim 1 has been amended in order to make explicit the structure of the stacked stator core. The amendment is unrelated to a statutory requirement for patentability.

Claims 1, 3 and 4 were rejected under 35 U.S.C. §103 as being unpatentable over *Nakahara et al.* (U.S. Patent 5,859,486) in view of *Widstrand* (U.S. Patent 3,783,318).

Nakahara et al. appears to disclose a rotary motor according to the fourth embodiment will be described with reference to FIGS. 4 and 5. In each stacked connecting stator core 20, each respective block 9 near the substrate is provided with two stepped protrusions 19 which are perpendicular to the substrate 6. Insulation procedure and winding procedure are performed in the same manner as in the first embodiment. When the stator is assembled to the substrate 6, the thin portion 10 is cut, the stepped protrusions 19 are inserted into holes provided on the substrate 6 to position the stator, and then the stepped protrusions 19 are fixed with

adhesive. Embodiment 5 Then, the production method for the rotary motor will be described with reference to FIGS. 1, 2, 6 and 7. First, respective connecting stator cores 20 are formed by punching magnetic material by means of press. The connecting stator core 20 is formed so that the respective blocks 9 are connected linearly in a direction perpendicular to the direction of magnetic flux flow in the central teeth. After insulation processing is performed by coating or the like, coils are formed on respective magnetic pole teeth 15 so that the coils are continuous without cutting the crossover wire 25. Then, a bending jig is placed on the side facing the rotor of the connecting stator core 20 and the thin portions 10 are bent. (Column 20, lines 35-69).

Thus, *Nakahara et al.* merely discloses stacking a stator core. However, the structure of the stator core does not have core members shifted downwardly from one another as claimed in amended claim 1 and new claims 7 and 11.

Widstrand appears to disclose laminated stator cores upon which the windings of induction-run motors are wound. (Column 1, lines 5-7). A stator core for induction motors and the like, which core comprises a stack of identical laminations that can be economically punched or otherwise formed out of conventional lamination stock with the use of a single progressive die and with minimum wastage of the material, without however requiring any sacrifice of economy or efficiency in other steps in the manufacture of the motor comprising such laminations, and also without the slightest sacrifice of any desirable characteristic of the finished motor itself. (Column 1, lines 36-46).

Thus, *Widstrand* merely discloses punching laminations to form a core. Nothing in *Widstrand* shows, teaches or suggests the structure of the core as claimed in amended claim 1 and new claims 7 and 11.

Since nothing in *Nakahara et al.* or *Widstrand* shows, teaches or suggests the structure of the stacked core as claimed in claim 1 and new claims 7 and 11, Applicants respectfully request the Examiner withdraws the rejection to claim 1 under 35 U.S.C. §103 and allow new claims 7-14.

Claims 3 and 4 depend from claim 1 and recite additional features. Applicants respectfully submit that claims 3 and 4 would not have been obvious within the meaning of 35 U.S.C. §103 over *Nakahara et al.* and *Widstrand* at least for the reasons as set forth above. Therefore, Applicants respectfully request the Examiner withdraws the rejection to claims 3 and 4 under 35 U.S.C. §103.

Claim 2 was rejected under 35 U.S.C. §103 as being unpatentable over *Nakahara et al.* in view of *Nakamura et al.* (U.S. Patent 5,451,306).

Applicants respectfully traverse the Examiner's rejection of the claim under 35 U.S.C. §103. The claim has been reviewed in light of the Office Action, and for reasons which will be set forth below, Applicants respectfully request the Examiner withdraws the rejection to the claim and allows the claim to issue.

As discussed above, since nothing in *Nakahara et al.* shows, teaches or suggests the primary features as claimed in claim 1, Applicants respectfully submit that the combination of the primary reference with the secondary reference to *Nakamura et al.* will not overcome the deficiencies of the primary reference. Therefore, Applicants respectfully request the Examiner withdraws the rejection to claim 2 under 35 U.S.C. §103.

New claims 7-14 have been added. Applicants respectfully submit that these claims are also in condition for allowance.

Thus it now appears that the application is in condition for reconsideration and allowance. Reconsideration and allowance at an early date are respectfully requested.

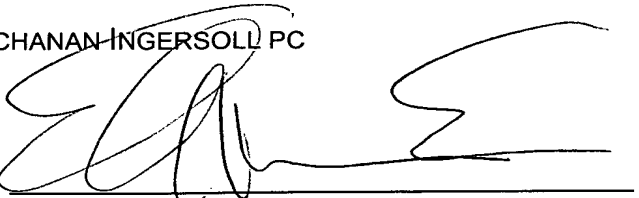
If for any reason the Examiner feels that the application is not now in condition for allowance, the Examiner is requested to contact, by telephone, the Applicants' undersigned attorney at the indicated telephone number to arrange for an interview to expedite the disposition of this case.

In the event that this paper is not timely filed within the currently set shortened statutory period, Applicants respectfully petition for an appropriate extension of time. The fees for such extension of time may be charged to Deposit Account No. 02-4800.

In the event that any additional fees are due with this paper, please charge our Deposit Account No. 02-4800.

Respectfully submitted,

BUCHANAN-INGERSOLL PC

By: 

Ellen Marcie Emas
Registration No. 32,131

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P.O. Box 1404
Alexandria, Virginia 22313-1404
(703) 836-6620